

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Walke *et al.*

Prior Group Art Unit: 1652

Application No.: To be assigned
Parent Application Serial Number 09/734,492

Prior Application Examiner:
S. Swope

Filed: Concurrently Herewith

Attorney Docket No.: LEX-0467-USA

Title: Novel Human Transferase Proteins and
Polynucleotides Encoding the Same

REQUEST TO MAKE PRIOR ART FROM PREVIOUS APPLICATION OF RECORD

Commissioner for Patents
Alexandria, VA 22313

Sir:

The present paper constitutes Applicants' compliance with their duty of disclosure under 37 C.F.R. § 1.56. Please make all prior art of record in parent application Serial No. 09/734,492, filed December 11, 2000, of record in the present case, including that cited by the Office and Applicants. As a courtesy, copies of the Form PTO-1449s from the prior application are included herewith as **Exhibit A**.

Respectfully submitted,

December 9, 2003

Date

Signature of Lance K. Ishimoto
Signature of Peter G. Selzer

Lance K. Ishimoto

Reg. No. 41,866

Attorney for Applicants

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| | | | Application Number | 09/734,492 | |
| | | | Filing Date | December 11, 2000 | |
| | | | First Named Inventor | Walke | |
| | | | Group Art Unit | 1646 | |
| Examiner Name | To Be Assigned | | | | |
| Sheet | 1 | of | 3 | Attorney Docket Number | LEX-0107-USA |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| | AA | 4,215,051 | | Schroeder et al | 07/29/80 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| | | | | Filing Date | |
| | | | | First Named Inventor | |
| | | | | Group Art Unit | |
| | | | | Examiner Name | |
| | | | | Attorney Docket Number | |
| Sheet | 2 | of | 3 | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | AV | Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426. | |
| | AW | Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544. | |
| | AX | Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14. | |
| | | Cote et al, 1983, "Generation of human monoclonal antibodies reactive with cellular antigens", Proc. Natl. Acad. Sci. USA 80:2026-2030. | |
| | AY | Dohi T. et al. 1996. "Detection of N-acetylglucosaminyltransferase mRNA which determines Sda blood carbohydrate structure in human gastrointestinal", INT. J. CANCER 67(5):623-631. | |
| | AZ | Gautier et al. 1987. "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641. | |
| | BA | Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444. | |
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| | BD | Inoue et al. 1987. "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330. | |
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| | BF | Inoué & Inoué, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110. | |
| | BG | Janknecht et al. 1991. "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", Proc. Natl. Acad. Sci. USA 88:8972-8976. | |
| | BH | Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497. | |
| | BI | Loan et al. 1984. "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659. | |
| | BJ | Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823. | |
| | BK | Morrison et al. 1984. "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855. | |
| | BL | Mulligan & Bero. 1981. "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076. | |
| | BM | Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608. | |
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| | BO | O'Hare et al. 1981. "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531. | |
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| | BQ | Santerre et al. 1984. "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156. | |
| | BR | Sarin et al. 1988. "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451. | |
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| | | Group Art Unit | |
| | | Examiner Name | |
| Sheet | 3 | of | 3 |
| | | Attorney Docket Number | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
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| | BT | Smith and Lowe 1994, "Molecular cloning of a murine N-acetylgalactosamine transferase cDNA that determines expression of the T lymphocyte-specific CT oligosaccharide differentiation antigen", J. Biol. Chem 26-(21)15162-15171. | |
| | BU | Stein et al. 1988. "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221. | |
| | BV | Szvbalska & Szvbalski. 1962. "Genetics of Human Cell Lines. IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034. | |
| | BW | Takeda et al. 1985. "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454. | |
| | BX | Van Heeke et al. 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509. | |
| | BY | Ward et al. 1989. "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546. | |
| | BZ | Wigler et al. 1980. "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570. | |
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| | CB | DATABASE ENTRY AQ183263 'Online! EMBL; Accession No AQ183263, September 21, 1998, Mahairas G.G. et al: "HS_3140_B2_H03_MR CIT Approved Human genomic sperm library D homo sapiens genomic clone Plate=3140 Col=6 Row=P, genomic survey.", XP002164195 | |

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